

INTERCOLLEGIATE BROADCASTING SYSTEM

MEMORANDUM

May 21, 1948

To : Station Managers of Member Stations
ATTENTION: Technical Directors
From : I. B. S. Engineering Department
Subject: Transmission System Data

File: T2.1

URGENT

On February 1, 1948, Dave Borst sent you a memorandum requesting data on your present R. F. transmission methods. It appears that very few stations have as yet made the surveys requested. We realize that examinations are very close, but it is very vital that we receive some information before the stations close for the summer. The FCC hearings on carrier current broadcasting are expected to start in August, so in order not to jeopardize our position with them, we wish to present a 100% accurate report on the following:

- (1) Frequencies in use for each transmitter
- (2) Type of frequency control
- (3) Power input to final in watts (plate volts x Plate current)
- (4) Sketch of type of coupling to transmission medium
(Show from final tank to distribution means in buildings, wiring, steam pipes, etc.)
- (5) Type of transmission medium and distribution means in buildings
(This may be noted on sketch) Example: Twisted Pair--
110/2200 a. c. wiring
- (6) Approximate number of buildings fed by each transmitter

If at all possible, we wish to have field strength measurements around your campus as noted in the previous memo. However, we realize this is quite a task due in the most part to the availability of measuring instruments. In some cases local broadcasting stations or engineering consulting firms may loan equipment gratis or for a slight fee. If you wish further information on gaining data write the I.B.S. Engineering Department.

We wish to stress, however the urgency of receiving the answers to the six questions above. Field strength measurements may wait but we must have the data on your present system for the FCC. A favorable presentation of our case to the FCC is of utmost importance.

If you have already sent in your data please disregard this memo, and accept our thanks for completing your portion of the survey.

INTERCOLLEGE BROADCASTING SYSTEM

MEMORANDUM

Rev 21, 1948

To : Station Managers of Member Stations
ATTENTION: Technical Directors
From : I. S. Engineering Department
Subject: Transmitted Signal Data

Date: 12.1

Enclosure

On February 1, 1948, Dave Jones sent you a memorandum regarding data on the present I. S. Transmitted Signal Data. It appears that very few stations have yet made the surveys requested. The results of the examinations are very close, but it is very vital that we receive some information before the stations also begin to transmit. The FCC hearings on carrier current coverage are scheduled to start in August, so in order to be prepared for the hearing, we want to receive a 100% coverage survey by June 1, 1948.

- (1) The stations should be given a copy of the survey form.
- (2) The stations should be given a copy of the survey form.
- (3) The stations should be given a copy of the survey form.
- (4) The stations should be given a copy of the survey form.
- (5) The stations should be given a copy of the survey form.

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